

Product No: 101179574

SCHMERSAL CST180-2 SAFETY SENSOR 101179574

FEATURES

- Material: Polyurethane
- Transmitter Cable Length: 6.5 meters
- Receiver Cable Length: 3 meters
- IP Rating: IP67
- Temperature Rating: -50 °C to 170 °C
- Complies with EN ISO 13850 standard



Note: Evaluation requirements: dual-channel safety input, suitable for p-type sensors with NO function. The safety-monitoring module must tolerate internal functional tests of the sensors with cyclic switch-off of the sensor outputs for max. 0.5 ms. Short-circuit recognition by the evaluation is not necessary.

General Information

Brand	SCHMERSAL
EAN	4030660000000
eCl@ss Number, Version 11.0	27-27-26-01
eCl@ss Number, Version 9.0	27-27-26-01
ETIM 6.0	EC000030
ETIM 7.0	EC000030
Product Type	Accessory
Series	CST180
Working Principle	RFID

Technical Attributes

Contact Material	Silver
Maximum Actuating Speed (m/s)	3
Maximum Cable Cross Section (mm ²)	2.5
Maximum Fuse Rating	6 A gG D-fuse
Minimum Cable Cross Section (mm ²)	0.34
Minimum Mechanical Life	10000000 Operations
No. of Safety Contacts	1

Rated Insulation Voltage (V)	500
Rated Short-circuit Current (A)	100
Switching Element	NO contact, NC contact
Switching Principle	Slow action
Terminal Type	Screw terminals M20 x 1.5
Utilisation Category	DC-13 AC-15
Utilisation Category DC-13	2.5 A

Physical Attributes

Actuator Type	Rod lever
Enclosure Material	Plastic, glass-fibre-reinforced
Gross Weight (g)	50
Maximum Ambient Temperature (°C)	70
Minimum Ambient Temperature (°C)	-30
Net Weight (g)	75

Dimensions

Sensor Height (mm)	147.5
Sensor Length (mm)	40

Protection & Standards

Degree of Protection	IP67
Standards	EN IEC 60947-5-1 / EN IEC 60947-1

Resources

Product catalogue (Flipbook)	Download from here
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